

# Comparisons of Job Characteristics

**Focus Occupation:** [Helpers--Electricians \(47-3013\)](#)

**Associated Occupation:** [Electric Motor, Power Tool, and Related Repairers \(49-2092\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 72

**Focus Occupation:** [Helpers--Electricians \(47-3013\)](#)

**Associated Occupation:** [Electric Motor, Power Tool, and Related Repairers \(49-2092\)](#)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Mechanical	6.8	17.7	13.4	<< Extensive education and/or training may be required
Engineering and Technology	5.7	9.2	5.9	<< Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 66

**Focus Occupation:** [Helpers--Electricians \(47-3013\)](#)

**Associated Occupation:** [Electric Motor, Power Tool, and Related Repairers \(49-2092\)](#)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Repairing	3.4	14.0	7.6	<< Extensive development of skills in this area may be required
Troubleshooting	4.5	12.6	6.1	<< Extensive development of skills in this area may be required
Quality Control Analysis	5.9	11.9	7.1	<< Extensive development of skills in this area may be required
Equipment Maintenance	3.5	11.5	8.0	<< Extensive development of skills in this area may be required
Equipment Selection	3.3	10.4	5.1	<< Extensive development of skills in this area may be required
Installation	1.7	7.4	5.7	< A higher skill level may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 67			
Focus Occupation: Helpers--Electricians (47-3013) Associated Occupation: Electric Motor, Power Tool, and Related Repairers (49-2092)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Finger Dexterity	7.6	13.9	10.0	<<	Extensive improvement in abilities may be required
Manual Dexterity	6.5	12.5	13.0	0	Current ability level may be sufficient
Visual Color Discrimination	6.4	11.0	10.0	<	Some improvement in abilities may be required
Auditory Attention	5.9	9.8	5.8	<<	Extensive improvement in abilities may be required
Hearing Sensitivity	5.6	9.8	2.1	<<	Extensive improvement in abilities may be required
Depth Perception	5.3	9.7	6.6	<<	Extensive improvement in abilities may be required
Wrist-Finger Speed	3.2	6.2	4.4	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 79
<b>Focus Occupation: Helpers--Electricians (47-3013)</b> <b>Associated Occupation: Electric Motor, Power Tool, and Related Repairers (49-2092)</b>		
Work Activities	Exclusivity of Activity	
Apply cleaning solvents	41	
Clean equipment or machinery	20	
Distinguish colors	44	
Fabricate, assemble, or disassemble manufactured products by hand	11	
Maintain inventory of supplies	84	
Move or fit heavy objects	8	
Operate hoist, winch, or hydraulic boom	34	
Read blueprints	10	
Read technical drawings	7	
Repair or replace electrical wiring, circuits, fixtures, or equipment	49	
Solder electrical or electronic connections or components	55	
Test electrical/electronic wiring, equipment, systems or fixtures	54	
Use electrical or electronic test devices or equipment	40	
Use hand or power tools	2	

Use soldering equipment	44
Use voltmeter, ammeter, or ohmmeter	52

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: n/a

**Focus Occupation: Helpers--Electricians (47-3013)**

**Associated Occupation: Electric Motor, Power Tool, and Related Repairers (49-2092)**

Tools and Technologies	Exclusivity
Tools and technology data is unavailable for one or both occupations.	

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.